

Ir1 Status

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ECS Release B CDR Program Management Topics



Ir1 Status

Mike Demcsak

Release A Status

Parag Ambardekar

ICD Status

Robin Whitehurst

Risk Management

Mike Demcsak

Incremental Track

Mike Daily

M&O's Road to Release B RRR

Stan Dunn

Road to AM-1/Landsat-7

Rick Kochhar / Doug O'Neill



Purpose of Ir1

Interim Release 1 or TRMM Infrastructure Release is a Release A precursor deployed to selected ECS sites to support:

- **Early TRMM & EOS AM-1 Science Software I&T at 3 DAACs**
 - Provide environment to support Science Software development
 - Test portability of Science Software to DAAC environment
 - Refine the integration and test process
 - Test compatibility of SCF Toolkit with DAAC toolkit
- **Early TRMM-ECS interface integration and testing**
 - Test CERES L0 ingest from SDPF at LaRC
 - Test L1 and other TRMM data ingest/output with TSDIS at GSFC DAAC
 - Test NOAA/NESDIS and DAO ingest interfaces
- **Verification of the ECS communications and management infrastructure**

Scope



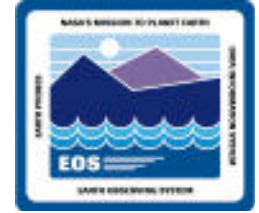
- **75,000 lines of developed code**
 - **Prototype PDPS (10,000 LOC)**
 - **SSI&T Tools (6,000 LOC)**
 - **SCF and DAAC Toolkits (36,000 LOC)**
 - **Interface Test Suite (8,000 LOC)**
 - **ECS Infrastructure (15,000 LOC)**
- **32 COTS software packages**
- **On 5 Unix platforms across 3 sites**

Accomplishments



- **Shipped on time - Early January**
- **SSI&T and M&O Training held 16-19 January 1996**
- **Successful Site Test Debrief held 31 January 1996**
- **Delivered Ir1 Test Report (DID 324/405) on time**
- **IV&V testing completed 28 February 1996**
- **SSI&T on-going**
- **ASTER Instrument Team completed I&T at EDC 18 March 1996**
- **TSDIS testing with Release A Kerberos interface began ahead of schedule**

SSI&T Progress



	PGEs (total)	PGEs (tested)
CERES	14	11
ASTER	6	6
MODIS	35	35
MOPITT	2	2
MISR	3	3

Status



- **Ir1 has accomplished all its objectives to date**
- **Valuable lessons learned:**
 - **ECS organizational procedures are being refined**
 - **Installation and configuration tracking is being improved**
 - **Overall testing philosophy is being re-examined**
 - **More in-depth training required**
 - Separate training for M&O and SSI&T**
 - **Post deployment management**
 - Adding H/W capacity “on the fly”**

Summary



- **Ir1 has accomplished all its goals to date**
- **It will continue to support science testing until Release A installation begins**
 - **GSFC - July**
 - **LaRC - August**
- **It will support interface testing through 12/96**